

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	612	(backup or copy) and SAN and (snapshot or (fozen near2 image))	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/25 08:16
L2	0	1 and (configuration near2 identifier)	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/25 08:07
L3	25	1 and (updated with map\$3)	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/25 08:07
L4	25	1 and (updated with map\$3)	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/25 08:12
L5	8	1 and (updated with map\$3) and "707"/\$.ccls.	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/25 08:15
L6	5621	707/200 or 707/204 or 707/205	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/25 08:16
L7	9226	707/200 or 707/204 or 707/205 or 711/162 or 714/48 or 710/2 or 710/20	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/25 08:16
L8	154	7 and (backup or copy) and SAN and (snapshot or (fozen near2 image))	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/25 08:17
L9	115	8 and (configuration)	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/25 08:17

L10	60	8 and (configuration) and map	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/25 08:17
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configuration identifier and update map and sn

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The "AND" operator is unnecessary – we include all search terms by default. [\[details\]](#)

Web Results 1 - 10 of about 327,000 for **configuration identifier and update map and snapshot copy**. (0.39 seconds)

Cisco IOS Configuration Guide Master Index

configuration example, over encapsulating VLAN interfaces 1 ... **copy** running-config

startup-config command 1. **copy** running-config tftp command 1, 2, 3 ...

www.cisco.com/univercd/cc/td/doc/product/software/ios120/12cgcr/cbkixol.htm - 513k - [Cached](#) - [Similar pages](#)

[PDF] Sun StorEdge Data Snapshot Software With Oracle Databases Usage Guide

File Format: PDF/Adobe Acrobat - [View as HTML](#)

Initially, when a **snapshot** is created, no data is **copied** for use by the ...

Sun StorEdge Data **Snapshot** then completes the **configuration** and manages the ...

www.sun.com/products-n-solutions/hardware/docs/pdf/817-6985-10.pdf - [Similar pages](#)

[PDF] Sun StorEdge Data Snapshot Software With Oracle Databases Usage Guide

File Format: PDF/Adobe Acrobat - [View as HTML](#)

should be, Sun StorEdge Data **Snapshot** then completes the **configuration** and ...

point-in-time **copy**. ▽. To Resnap (**Update**) a **Snapshot** ...

www.sun.com/storage/oracle/oracle-snapshot-final.pdf - [Similar pages](#)

Windows XP: Kernel Improvements Create a More Robust, Powerful ...

The shadow **copy** API sends the IOCTLs to the logical drives for which **snapshots**

are being taken so that all modifications initiated before the **snapshot** have ...

msdn.microsoft.com/msdnmag/issues/01/12/XPKernel/default.aspx - 89k - [Cached](#) - [Similar pages](#)

[PDF] Applications for Writeable LUNs and LUN Cloning in Oracle Environments

File Format: PDF/Adobe Acrobat - [View as HTML](#)

Create **Snapshot copy**-backed LUNs using the lun create -b command from the filer.

command line and **map** the LUN to the host, as shown in the example. ...

www.netapp.com/tech_library/3266.html - [Similar pages](#)

[PDF] Using Synchronous SnapMirror for Disaster Protection with Block ...

File Format: PDF/Adobe Acrobat - [View as HTML](#)

Combined Synchronous and Asynchronous SnapMirror **Configuration** ... **Snapshot copy**

will then be used to **update** the third **copy** in a following step. This step ...

www.netapp.com/tech_library/ftp/3324.pdf - [Similar pages](#)

PTOLOMAEUS HELP

Each page has an internal **identifier**. Each **map** is stored in three files ...

Create **snapshot**: opens a new window displaying the current **map** in a static way. ...

www.dia.uniroma3.it/~ptolemy/ptolHelp.html - 24k - [Cached](#) - [Similar pages](#)

Boing Boing: December 2003

Update: BoingBoing reader Seth claims the exhibition's title is a case of unfair

name-poaching ... **Snapshot** of the foot of the Xmas tree, here at casa Xenil. ...

boingboing.net/2003_12_01_archive.html - 489k - [Cached](#) - [Similar pages](#)

Z.MS1560

After **snapshot** - **copy** new package folder to a network location from which to install

... CN=schema, CN=**configuration**, DC=domain_name, DC=domain_root ...

w2kupdate.blogspot.com/ - 44k - [Cached](#) - [Similar pages](#)

EXCELLATRONIC COMMUNICATIONS: Google Maps Hacking Archives

... location **identification** info that Google **Maps** will recognise) then click submit.

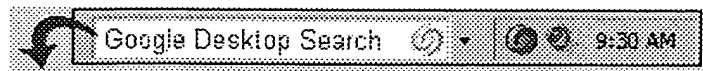
... Further **Update** At present MultiMap.com have greater worldwide **map** ...

steeev.f2o.org/mt/cat__google__maps__hacking.html - 48k - [Cached](#) - [Similar pages](#)

Try searching for **configuration identifier and update map and snapshot copy** on [Google Book Search](#)

Goooooooooooooogle ►

Result Page: 1 2 3 4 5 6 7 8 9 10 **Next**



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configuration identifier and update m **Search**

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File 347: JAPIO Nov 1976-2005/Apr(Updated 050801)
 (c) 2005 JPO & JAPIO
 File 350: Derwent WPIX 1963-2005/UD,UM &UP=200560
 (c) 2005 Thomson Derwent
 File 348: EUROPEAN PATENTS 1978-2005/Sep W02
 (c) 2005 European Patent Office
 File 349: PCT FULLTEXT 1979-2005/UB=20050915,UT=20050908
 (c) 2005 WIPO/Univentio
 File 324: German Patents Fulltext 1967-200537
 (c) 2005 Univention

Set	Items	Description
S1	12	AU=LANZATELLA T?
S2	22	AU=BROMLEY G?
S3	1719	AU=WU W?
S4	1741	S1:S3
S5	119421	BACK???? ?()UP? ? OR BACKUP?
S6	9	S4 AND S5

6/9/1 (Item 1 from file: 350)
 DIALOG(R)File 350:Derwent WPIX
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015716092 **Image available**
 WPI ACC No: 2003-778292/200373
 XRPX ACC No: N03-623755

Data backup method in storage area network, involves performing backup of target data within storage area network, based on received map or frozen image of target data and operating system platform input/output instructions

Patent Assignee: VERITAS SOFTWARE CORP (VERI-N)
 Inventor: BROMLEY G ; LANZATELLA T W ; WU W
 Number of Countries: 001 Number of Patents: 001
 Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030163495	A1	20030828	US 200286597	A	20020228	200373 B

Priority Applications (No Type Date): US 200286597 A 20020228

Patent Details:
 Patent No Kind Lan Pg Main IPC Filing Notes
 US 20030163495 A1 13 G06F-017/30

Abstract (Basic): US 20030163495 A1

NOVELTY - A map or frozen image (422) including storage extents and storage addresses of the target data stored in storage devices (412,414), is sent from a computing device (420) to another computing device (430). The computing device (430) backs up the target data within the storage area network (SAN) (410), based on the received map or frozen image and operating system (OS) platform input/output instructions.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for data backup system.

USE - For performing data backup in storage area network (SAN) environment.

ADVANTAGE - An improved area backup operation is achieved by performing better offloading processing using the existing operating system input/output operations. The shared connectivity of computing devices and storage devices are fully utilized to improve the processing throughput associated with data backup operations within SAN environment and thereby reducing the computing overhead associated with backup on the backup0 server and reducing the impact of backup processing on the backup server owing the data.

DESCRIPTION OF DRAWING(S) - The figure shows the data backup system.

SAN (410)

storage devices (412,414)
computing devices (420,430)
frozen image or map (422)
operating system platform (440)
pp; 13 DwgNo 4/4

Title Terms: DATA; METHOD; STORAGE; AREA; NETWORK; PERFORMANCE; TARGET;
DATA; STORAGE; AREA; NETWORK; BASED; RECEIVE; MAP; FREEZE; IMAGE; TARGET;
DATA; OPERATE; SYSTEM; PLATFORM; INPUT; OUTPUT; INSTRUCTION

Derwent Class: T01

International Patent Class (Main): G06F-017/30

File Segment: EPI

Manual Codes (EPI/S-X): T01-G03; T01-J05B2; T01-S03

6/9/2 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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015544530 **Image available**

WPI Acc No: 2003-606686/200357

XRPX Acc No: N03-483709

Interface provision method for connecting storage device and computing system, involves associating configuration identifier with persistent data structure and notifying client module, when data structure is modified

Patent Assignee: BROMLEY G (BROM-I); COLGROVE J A (COLG-I); CUYKENDALL B T (CUYK-I); HARMER C (HARM-I); KARR R (KARR-I); KISELEV O (KISE-I); LANZATELLA T W (LANZ-I); UMBEHOCKER S M (UMBE-I); UNUECO A (UNUE-I)

Inventor: BROMLEY G ; COLGROVE J A; CUYKENDALL B T; HARMER C; KARR R; KISELEV O; LANZATELLA T W ; UMBEHOCKER S M; UNUECO A

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030101173	A1	20030529	US 2001997612	A	20011129	200357 B

Priority Applications (No Type Date): US 2001997612 A 20011129

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20030101173	A1	12	G06F-007/00	

Abstract (Basic): US 20030101173 A1

NOVELTY - A data structure of storage object (430) within a storage environment (450) is acquired. A configuration identifier associated with persistent data structure notifies a client module (410) residing in storage environment (460), when persistent data structure is modified.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (1) application programming interface (API) library;
- (2) storage object interface system; and
- (3) storage object interface apparatus.

USE - For providing interfaces to storage objects, for connecting storage devices to computing devices such as clients, server through storage area network (SAN), transmission communication protocol (TCP), user datagram protocol (UDP), for large scale distributed database applications, backup applications.

ADVANTAGE - Ensures reliable access to storage object by notifying client module when persistent data structure is modified, hence the file system of one storage environment which is incompatible with another file system of another environment can be interfaced easily. The interface enables customized user-defined applications to access low-level private information about storage object, even when storage object resides in disparate storage environment, operating system.

DESCRIPTION OF DRAWING(S) - The figure shows the storage object interface apparatus.

client module (410)
storage object (430)
storage environments (450,460)
pp; 12 DwgNo 4/4
Title Terms: INTERFACE; PROVISION; METHOD; CONNECT; STORAGE; DEVICE;
COMPUTATION; SYSTEM; ASSOCIATE; CONFIGURATION; IDENTIFY; PERSISTENT; DATA
; STRUCTURE; NOTIFICATION; CLIENT; MODULE; DATA; STRUCTURE; MODIFIED
Derwent Class: T01
International Patent Class (Main): G06F-007/00
International Patent Class (Additional): G06F-017/30
File Segment: EPI
Manual Codes (EPI/S-X): T01-J20B1; T01-J20B2; T01-N03B1; T01-S02

6/9/3 (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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015158304 **Image available**
WPI Acc No: 2003-218832/200321
XRPX Acc No: N03-174342
IC card safety system with the capability of starting a computer by using
an IC card stored with cryptographic data
Patent Assignee: ACER INC (ACER-N)
Inventor: WU W
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No Kind Date Applicat No Kind Date Week
TW 480435 A 20020321 TW 2000124907 A 20001123 200321 B
Priority Applications (No Type Date): TW 2000124907 A 20001123
Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
TW 480435 A G06F-007/08

Abstract (Basic): TW 480435 A
NOVELTY - A kind of safety system that can use an IC card stored
with cryptographic data to start a computer is disclosed in the present
invention. The invented system contains the followings: a computer,
which is embedded with CMOS (complementary metal oxide semiconductor)
memory for storing authenticating data; a backup medium for storing
the backup cryptographic data; and an apparatus, which processes the
authenticating data in CMOS memory, processes the cryptographic data in
the IC card, and processes the backup cryptographic data in the
backup medium, respectively. Based on the present invention, a
computer can be started after ensuring that the backup cryptographic
data confirms to the authenticating data.

DwgNo 1/1
Title Terms: IC; CARD; SAFETY; SYSTEM; CAPABLE; START; COMPUTER; IC; CARD;
STORAGE; CRYPTOGRAPHIC; DATA
Derwent Class: P85; T01; T04; U13
International Patent Class (Main): G06F-007/08
File Segment: EPI; EngPI
Manual Codes (EPI/S-X): T01-D01; T01-H01B3A; T04-K; U13-D02A

6/9/4 (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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014903750
WPI Acc No: 2002-724456/200279
XRPX Acc No: N02-571218
Computer safety system and its initiate method
Patent Assignee: ACER INC (ACER-N)

Inventor: WU W

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
CN 1357839	A	20020710	CN 2000132142	A	20001208	200279 B

Priority Applications (No Type Date): CN 2000132142 A 20001208

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
CN 1357839	A		G06F-012/14	

Abstract (Basic): CN 1357839 A

NOVELTY - The computer safety system includes one data storing and identifying memory; one cipher storing intelligent card; one back - up cipher storing back - up media; one data, cipher and back - up cipher processor; and card reader and floppy disk driver to connect the intelligent card and back - up media to computer. The initiation method includes the step of: setting the computer with the identifying data in locking mode; detecting whether the intelligent card has been inserted in slot or not; detecting whether there is some back - up media if no inserted intelligent card; and start the computer when the cipher or the back - up cipher is identical with the identifying data. The system and method of the present invention is economic and convenient.

DwgNo 0/0

Title Terms: COMPUTER; SAFETY; SYSTEM; INITIATE; METHOD

Derwent Class: T01

International Patent Class (Main): G06F-012/14

International Patent Class (Additional): G06F-009/445; G06F-012/16

File Segment: EPI

Manual Codes (EPI/S-X): T01-F01B; T01-F05B; T01-H01C2; T01-H01C4

>>>Set 7 does not exist

? t6/5/5-9

6/5/5 (Item 1 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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01221759 **Image available**

SYSTEMS AND METHODS FOR INTERFACING APPLICATION PROGRAMS WITH AN ITEM-BASED STORAGE PLATFORM

SYSTEMES ET PROCEDES D'INTERFACAGE DE PROGRAMMES D'APPLICATIONS DOTES D'UNE PLATE-FORME DE STOCKAGE BASEE SUR DES ARTICLES

Patent Applicant/Assignee:

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Legal Representative:

ROCCI Steven J (et al) (agent), Woodcock Washburn LLP, 46th floor, One Liberty Place, Philadelphia, PA 19103, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200529363 A1 20050331 (WO 0529363)

Application: WO 2003US26150 20030821 (PCT/WO US03026150)

Priority Application: WO 2003US26150 20030821

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR

LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PG PH PL PT RO RU SC SD SE
SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/30

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 54939

English Abstract

Various embodiments of the present invention are directed to a storage platform (figure 20) comprising: a data store in which data stored therein is defined in terms of items, elements, and relationships (figure 20, 2014), wherein an item is a unit of data storable in the data store and comprises one or more elements, an element is an instance of a type (figure 20, 2016) comprising one or more fields, and a relationship is a link between at least two items; a set of schemas (figure 20, 2014) that define different types of items, elements, and relationships (figure 20, 2016); and an application programming interface (figure 20, 350a, 350b, or 350c) comprising a class (figure 20, 2008) for each of the different items, elements, and relationships defined in the set of schemas. Data may also be stored in the data store in the form of an extension to an existing item type, and wherein the application programming interface comprises a class for each different item extension (figure 20, 2006).

French Abstract

Divers modes de realisation de cette invention concernant une plate-forme de stockage (figure 20) dote d'un magasin de donnees, dans lequel des donnees stockees y sont definies en termes d'articles, d'elements et de relations (figures 20, 2014). Selon l'invention, un article constitue une unite de donnees stockable dans le magasin de donnees et comprenant au moins un element, un element constitue un exemple d'un type (figures 20, 2016) contenant au moins un champ, et une relation constitue un lien entre au moins deux articles. Ladite plate-forme comprend aussi une serie de schemas (figures 20, 2014) qui definissent differents types d'articles, d'elements et de relations (figures 20, 2016) et une interface de programmation d'applications (figures 20, 350a, 350b ou 350c) qui renferment une classe (figures 20, 2008) pour chacun des differents articles, elements et relations definis dans la serie de schemas. Des donnees peuvent egalement etre stockees dans le magasin de donnees sous forme d'une extension a un type d'article existant, l'interface de programmation d'applications englobant une classe pour chaque differente extension d'article (figures 20, 2006).

Legal Status (Type, Date, Text)

Publication 20050331 A1 with international search report.

Publication 20050331 A1 with a declaration as to non-prejudicial disclosures or exceptions to lack of novelty.

6/5/6 (Item 2 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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01217298 **Image available**

SYSTEMS AND METHODS FOR PROVIDING SYNCHRONIZATION SERVICES FOR UNITS OF INFORMATION MANAGEABLE BY A HARDWARE/SOFTWARE INTERFACE SYSTEM

SYSTEMES ET PROCEDES PERMETTANT DE FOURNIR DES SERVICES DE SYNCHRONISATION POUR DES UNITES D'INFORMATIONS POUVANT ETRES GERES PAR UN SYSTEME

D'INTERFACE MATERIEL/LOGICIEL

Patent Applicant/Assignee:

MICROSOFT CORPORATION, One Microsoft Way, Redmond, WA 98052, US
(Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

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TAYLOR Michael B, c/o Microsoft Corporation, One Microsoft Way, Redmond,
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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200524665 A1 20050317 (WO 0524665)

Application: WO 2004US24288 20040729 (PCT/WO US04024288)

Priority Application: US 2003646575 20030821; WO 2003US26150 20030821; US
2003692515 20031024

Designated States:

(All protection types applied unless otherwise stated - for applications
2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM
DZ EC EE EG ES FI GB GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO
RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO
SE SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/30

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 35404

English Abstract

Several embodiments of the present invention employ synchronization
adapters for synchronizing information between "winFS" and non-"winFS"
data sources (Figure 36, 3622/3666). Examples of adapters include an
adapter that synchronizes address book information between a "winFS"
contacts folder and a non-winFS mailbox (Figure 36, 3642). In these

instances, adapter developers might use the "winFS" synchronization core services API described herein for accessing services provided by the "winFS" (Figure 36, 3612) synchronization platform in order to develop schema transformation code between the "winFS" (Figure 36, 3612) schema and the non-"winFS" data source schema (Figure 36, 3624). Additionally, the adapter developer provides protocol support for communicating changes with the non-"winFS" data source. A synchronization adapter (Figure 36, 3662) is invoked and controlled by using the synchronization controller API and reports progress and errors using this API (Figure 36, 3652).

French Abstract

L'invention concerne plusieurs modes de réalisation qui consistent à utiliser des adaptateurs de synchronisation afin de synchroniser des informations entre des sources de données <= winFS >= et non-<= winFS >= (Figure 36, 3622/3666). Des exemples d'adaptateurs comprennent un adaptateur qui synchronise des informations de carnet d'adresses entre un fichier de contacts <= winFS >= et une boîte aux lettres non-<= winFS >= (Figure 36, 3642). Dans ces cas, les concepteurs des adaptateurs peuvent utiliser les services de base de synchronisation <= winFS >= API décrit dans cette invention pour accéder à des services fournis par la plate-forme de synchronisation <= winFS >= (Figure 36, 3612) de manière à élaborer un code de transformation de schéma entre le schéma <= winFS >= (Figure 36, 3612) et le schéma de source de données non-<= winFS >= (Figure 36, 3624). De plus, le concepteur des adaptateurs fournit un support de protocole pour transmettre les modifications avec la source de données non-<= winFS >=. Un adaptateur de synchronisation (Figure 36, 3662) est sollicité et commande au moyen de l'API du dispositif de commande de synchronisation et il établit un rapport concernant la progression et les erreurs au moyen de cette API (Figure 36, 3652).

Legal Status (Type, Date, Text)

Publication 20050317 A1 with international search report.

6/5/7 (Item 3 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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01097053 **Image available**

SYSTEM AND METHOD FOR NETWORK-FREE FILE REPLICATION

SYSTEME ET PROCEDURE DE DUPLICATION DE FICHIER INDEPENDANTE D'UN RESEAU

Patent Applicant/Assignee:

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Patent Applicant/Inventor:

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200419229 A2-A3 20040304 (WO 0419229)

Application: WO 2003US25945 20030819 (PCT/WO US03025945)

Priority Application: US 2002224940 20020820

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD
SE SG SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class: G06F-017/30
International Patent Class: G06F-011/14
Publication Language: English
Filing Language: English
Fulltext Availability:
Detailed Description
Claims
Fulltext word Count: 6814

English Abstract

A secondary host on a server area network (SAN) replicates files utilized and/or managed by a primary host by direct transfer of the files over the SAN to achieve substantially network free file replication. The secondary host may receive SAN relative mapping information from the primary host system, and may retrieve files identified by the SAN relative mapping information. The secondary host may also generate local mapping information from the SAN relative mapping information, and may store the files on a second set of storage elements of the SAN in accordance with the local mapping information. The SAN relative mapping information may be received over an external network from the primary host system. The SAN relative mapping information may physically identify actual storage elements and may include, for example, a vendor ID, a product ID and/or a device serial number.

French Abstract

Un hôte secondaire sur un réseau local serveur (SAN) duplique des fichiers utilisés et/ou gérés par un hôte primaire par transfert direct des fichiers sur le SAN afin de réaliser une duplication de fichier sensiblement indépendante du réseau. L'hôte secondaire peut recevoir une information de mappage concernant le SAN provenant du système hôte primaire, et peut récupérer des fichiers identifiés par cette information de mappage. L'hôte secondaire peut aussi générer une information de mappage local à partir de l'information de mappage concernant le SAN et peut stocker les fichiers sur un second ensemble d'éléments de stockage du SAN selon l'information de mappage local. L'information de mappage concernant le SAN peut être reçue sur un réseau externe au système d'hôte primaire. L'information de mappage relative au SAN peut identifier physiquement des éléments de stockage réels et peut comprendre, par exemple, un identificateur de vendeur, un identificateur de produit et/ou un numéro de série de dispositif.

Legal Status (Type, Date, Text)

Publication 20040304 A2 Without international search report and to be republished upon receipt of that report.
Search Rpt. 20040513 Late publication of international search report
Republication 20040513 A3 With international search report.
Republication 20040513 A3 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

6/5/8 (Item 4 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT
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01090167 **Image available**

STORAGE MANAGEMENT BRIDGES

PONTS DE GESTION MEMOIRE

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(Residence), US (Nationality), (Designated only for: US)
BROMLEY Graham , 11582 Soleado Court, Dublin, CA 94568, US, US
(Residence), GB (Nationality), (Designated only for: US)

Legal Representative:

KIVLIN Noel B (agent), Meyertons, Hood, Kivlin, Kowert & Goetzel, P.C.,
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Patent and Priority Information (Country, Number, Date):

Patent: WO 200412417 A2-A3 20040205 (WO 0412417)
Application: WO 2003US23848 20030730 (PCT/WO US03023848)
Priority Application: US 2002208559 20020730

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD
SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-009/50

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 6476

English Abstract

Methods and systems to bridge storage management software are provided. A first storage management application communicates with a host and performs an analysis of a storage environment associated with the host. The first storage management application uses the analysis to determine if a storage resource interface is controlled by a second storage management application, and if so a plugin application is accessed by the first storage management application to permit the second storage management application to perform a storage management operation on behalf of the host. In one embodiment, the analysis is updated by the first storage management application upon receiving results from second storage management application, where the results reflect the processing of the storage management operation by the second storage management application.

French Abstract

L'invention concerne des procedes et des systemes permettant le pontage d'un logiciel de gestion memoire. Une premiere application de gestion memoire communique avec un hote et effectue l'analyse d'un environnement memoire associe a l'hote. La premiere application de gestion memoire utilise cette analyse pour determiner si une interface de ressource memoire est commandee par une seconde application de gestion memoire, et si tel est le cas, la premiere application de gestion memoire accede a une application enfichable (plug-in) afin de permettre a la seconde application de gestion memoire d'effectuer une operation de gestion memoire pour le compte de l'hote. Dans un mode de realisation, l'analyse est mise a jour par la premiere application de gestion memoire apres reception des resultats de la seconde application de gestion memoire, les

resultats refletant le traitement de l'operation de gestion memoire par la seconde application de gestion memoire.

Legal Status (Type, Date, Text)

Publication 20040205 A2 without international search report and to be republished upon receipt of that report.
Search Rpt 20050421 Late publication of international search report
Republication 20050421 A3 with international search report.
Republication 20050421 A3 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

6/5/9 (Item 5 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00959681 **Image available**

METHOD AND APPARATUS FOR EGRESS CHANNEL ARCHITECTURE THAT SUPPORTS PROTECTION WITHIN SONET/SDH BASED NETWORKS
PROCEDE ET APPAREIL POUR ARCHITECTURE DE CANAUX DE SORTIE QUI ASSURE LA PROTECTION DANS DES RESEAUX SONET/SDH

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WU Wei, 1682 Northstar Drive, Petaluma, CA 94954, US, US (Residence),
CN (Nationality), (Designated only for: US)

Legal Representative:

MALLIE Michael J (agent), Blakely, Sokoloff, Taylor & Zafman LLP, 7th Floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200293841 A1 20021121 (WO 0293841)

Application: WO 2002US8317 20020318 (PCT/WO US0208317)

Priority Application: US 2001853344 20010510

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI
SK SL TJ TM TN TR TT TZ UA UG US VZ VN YU ZA ZM ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: H04L-012/28

International Patent Class: H04L-012/50

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 6462

English Abstract

A channel (412) is described that has a backplane interface unit (401) that selects a signal (406) from a backplane. The backplane interface unit is coupled to a cross connect table (411) that provides an indication (450) where the signal may be found on the backplane. The indication is correlated to a logical label. The logical label is correlated to a frame location (402) that the selected signal is transmitted within.

French Abstract

Un canal (412) possede une interface d'arriere-plan (401) qui selectionne un signal (406) provenant d'un arriere plan. L'interface d'arriere-plan est couplee a un tableau d'interconnexion (411) qui indique (450) le moment ou le signal peut se trouver sur l'arriere-plan. L'indication est mise en correlation avec une etiquette logique elle-meme mise en correlation avec un emplacement de page de cadre (402) dans lequel est transmis le signal selectionne.

Legal Status (Type, Date, Text)

Publication 20021121 A1 with international search report.

Examination 20030220 Request for preliminary examination prior to end of 19th month from priority date

File 6:NTIS 1964-2005/Sep w2
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 File 2:INSPEC 1969-2005/Sep w2
 (c) 2005 Institution of Electrical Engineers
 File 8:Ei Compendex(R) 1970-2005/Sep w2
 (c) 2005 Elsevier Eng. Info. Inc.
 File 34:SciSearch(R) Cited Ref Sci 1990-2005/Sep w3
 (c) 2005 Inst for Sci Info
 File 35:Dissertation Abs Online 1861-2005/Aug
 (c) 2005 ProQuest Info&Learning
 File 65:Inside Conferences 1993-2005/Sep w3
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 File 94:JICST-EPlus 1985-2005/Jul w4
 (c)2005 Japan Science and Tech Corp(JST)
 File 95:TEME-Technology & Management 1989-2005/Aug w2
 (c) 2005 FIZ TECHNIK
 File 99:wilson Appl. Sci & Tech Abs 1983-2005/Jul
 (c) 2005 The HW Wilson Co.
 File 144:Pascal 1973-2005/Sep w2
 (c) 2005 INIST/CNRS
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 File 266:FEDRIP 2005/Jun
 Comp & dist by NTIS, Intl Copyright All Rights Res
 File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
 (c) 1998 Inst for Sci Info
 File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
 (c) 2002 The Gale Group
 File 56:Computer and Information Systems Abstracts 1966-2005/Sep
 (c) 2005 CSA.
 File 57:Electronics & Communications Abstracts 1966-2005/Sep
 (c) 2005 CSA.
 File 60:ANTE: Abstracts in New Tech & Engineer 1966-2005/Sep
 (c) 2005 CSA.

Set	Items	Description
S1	15089	FROZEN()IMAGE? ? OR FROZENIMAGE? OR SNAPSHOT? OR SNAP()SHO-
		T? ?
S2	2904490	MAP OR MAPS OR MAPPING? ? OR MAPPED OR REMAP? OR EXTENT? ?
		OR ADDRESS OR ADDRESSES OR LOCATION? ?
S3	1202702	IDENTIFIER? ? OR ID OR IDS OR IDENTIFICATION
S4	1001	FILENAME OR FILE()NAME? ? OR INODE? ? OR I()NODE? ?
S5	39737	BACKUP? OR BACK??? ?()UP? ?
S6	458414	SHADOW? OR MIRROR? OR REDUND? OR SUPEREROGAT? OR STANDBY? -
		OR (STAND? ? OR STANDING)()BY? ?
S7	2626358	COPY? OR COPIE? ? OR SAVE? ? OR SAVING OR STORAGE? ? OR ST-
		ORING OR DUPLICAT? OR REPLICAT?
S8	2878	REMAP? OR RE()(MAP OR MAPS OR MAPPED OR MAPPING? OR MAPED -
		OR MAPING?)
S9	7398	S2(3N)(UPDAT? OR UP() (DAT???? ? OR GRAD???? ?) OR REFRESH?
		OR REVIS? OR UPGRAD? OR RE()FRESH?)
S10	384	S8:S9 AND S3:S4
S11	1655	S1 AND S5:S7
S12	0	S10 AND S11
S13	2182	S1 AND (S2 OR S8)
S14	90	S13 AND S3:S4
S15	13	S14 AND S5:S7
S16	7	S15/2003:2005
S17	6	S15 NOT S16
S18	5	RD (unique items)

File 347:JAPIO Nov 1976-2005/Apr(Updated 050801)
(c) 2005 JPO & JAPIO
File 350:Derwent WPIX 1963-2005/UD,UM &UP=200560
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File 371:French Patents 1961-2002/BOPI 200209
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Set	Items	Description
S1	1042	FROZEN()IMAGE? ? OR FROZENIMAGE? OR SNAPSHOT? OR SNAP()SHO- T? ?
S2	687388	MAP OR MAPS OR MAPPING? ? OR MAPPED OR REMAP? OR EXTENT? ? OR ADDRESS OR ADDRESSES OR LOCATION? ?
S3	252314	IDENTIFIER? ? OR ID OR IDS OR IDENTIFICATION
S4	5160	FILENAME OR FILE()NAME? ? OR INODE? ? OR I()NODE? ?
S5	49504	BACKUP? OR BACK??? ?()UP? ?
S6	309775	SHADOW? OR MIRROR? OR REDUND? OR SUPEREROGAT? OR STANDBY? - OR (STAND? ? OR STANDING)()BY? ?
S7	3895816	COPY? OR COPIE? ? OR SAVE? ? OR SAVING OR STORAGE? ? OR ST- ORING OR DUPLICAT? OR REPLICAT?
S8	607	REMAP? OR RE() (MAP OR MAPS OR MAPPED OR MAPPING? OR MAPED - OR MAPING?)
S9	6064	S2(3N)(UPDAT? OR UP() (DAT???? ? OR GRAD???? ?) OR REFRESH? OR REVIS? OR UPGRAD? OR RE()FRESH?)
S10	447	S8:S9 AND S3:S4
S11	574	S1 AND S5:S7
S12	0	S10 AND S11
S13	164	S1 AND (S2 OR S8)
S14	25	S13 AND S3:S4
S15	12	S14 AND S5:S7
S16	12	IDPAT (sorted in duplicate/non-duplicate order)
S17	12	IDPAT (primary/non-duplicate records only)
S18	9	S17 AND AC=US/PR AND AY=(1970:2002)/PR
S19	9	S17 AND AC=US AND AY=1970:2002
S20	9	S17 AND AC=US AND AY=(1970:2002)/PR
S21	4	S17 AND PY=1970:2002
S22	10	S18:S21

22/9/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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015749472 **Image available**
WPI Acc No: 2003-811673/200376
Related WPI Acc No: 2003-802932; 2003-864386
XRPX Acc No: N03-649866

Data stream reception system populates replica file system with file data
from source based upon offsets in inode map
Patent Assignee: NETWORK APPLIANCE INC (NETW-N); MANLEY S L (MANL-I); OWARA
S S (OWAR-I)

Inventor: MANLEY S L; OWARA S S
Number of Countries: 002 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030182325	A1	20030925	US 2002100950	A	20020319	200376 B
JP 2004038928	A	20040205	JP 200375430	A	20030319	200411

Priority Applications (No Type Date): US 2002100950 A 20020319; US
2002100967 A 20020319

Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
US 20030182325 A1 38 G06F-012/00
JP 2004038928 A 93 G06F-012/00

Abstract (Basic): US 20030182325 A1
NOVELTY - A directory stage reads source directory information and

File 696:DIALOG Telecom. Newsletters 1995-2005/Sep 22
(c) 2005 Dialog
File 15:ABI/Inform(R) 1971-2005/Sep 22
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File 98:General Sci Abs/Full-Text 1984-2004/Dec
(c) 2005 The HW Wilson Co.
File 112:UBM Industry News 1998-2004/Jan 27
(c) 2004 United Business Media
File 141:Readers Guide 1983-2004/Dec
(c) 2005 The HW Wilson Co
File 484:Periodical Abs Plustext 1986-2005/Sep w3
(c) 2005 ProQuest
File 813:PR Newswire 1987-1999/Apr 30
(c) 1999 PR Newswire Association Inc
File 613:PR Newswire 1999-2005/Sep 22
(c) 2005 PR Newswire Association Inc
File 635:Business Dateline(R) 1985-2005/Sep 22
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File 810:Business Wire 1986-1999/Feb 28
(c) 1999 Business Wire
File 610:Business Wire 1999-2005/Sep 22
(c) 2005 Business Wire.
File 369:New Scientist 1994-2005/Jun w3
(c) 2005 Reed Business Information Ltd.
File 370:Science 1996-1999/Jul w3
(c) 1999 AAAS
File 624:McGraw-Hill Publications 1985-2005/Sep 22
(c) 2005 McGraw-Hill Co. Inc
File 634:San Jose Mercury Jun 1985-2005/Sep 21
(c) 2005 San Jose Mercury News
File 647:CMP Computer Fulltext 1988-2005/Sep w1
(c) 2005 CMP Media, LLC
File 674:Computer News Fulltext 1989-2005/Sep w2
(c) 2005 IDG Communications

Set	Items	Description
S1	51895	FROZEN()IMAGE? ? OR FROZENIMAGE? OR SNAPSHOT? OR SNAP()SHO- T? ?
S2	2910747	MAP OR MAPS OR MAPPING? ? OR MAPPED OR REMAP? OR EXTENT? ? OR ADDRESS OR ADDRESSES OR LOCATION? ?
S3	421689	IDENTIFIER? ? OR ID OR IDS OR IDENTIFICATION
S4	9068	FILENAME OR FILE()NAME? ? OR INODE? ? OR I()NODE? ?
S5	255797	BACKUP? OR BACK??? ?()UP? ?
S6	457785	SHADOW? OR MIRROR? OR REDUND? OR SUPEREROGAT? OR STANDBY? - OR (STAND? ? OR STANDING)()BY? ?
S7	2957319	COPY? OR COPIE? ? OR SAVE? ? OR SAVING OR STORAGE? ? OR ST- ORING OR DUPLICAT? OR REPLICAT?
S8	2974	REMAP? OR RE() (MAP OR MAPS OR MAPPED OR MAPPING? OR MAPED - OR MAPING?)
S9	11981	S2(3N)(UPDAT? OR UP() (DAT???? ? OR GRAD???? ?) OR REFRESH? OR REVIS? OR UPGRAD? OR RE()FRESH?)
S10	259	S8:S9(S)S3:S4
S11	5211	S1(S)S5:S7
S12	1	S10(S)S11
S13	2516	S1(S)(S2 OR S8)
S14	67	S13(S)S3:S4
S15	32	S14(S)S5:S7
S16	7	S15/2003:2005
S17	25	S15 NOT S16
S18	23	RD (unique items)

18/3,K/14 (Item 2 from file: 674)
DIALOG(R)File 674:Computer News Fulltext
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File 9:Business & Industry(R) Jul/1994-2005/Sep 21
 (c) 2005 The Gale Group
 File 16:Gale Group PROMT(R) 1990-2005/Sep 21
 (c) 2005 The Gale Group
 File 47:Gale Group Magazine DB(TM) 1959-2005/Sep 22
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 (c)2005 The Gale Group
 File 160:Gale Group PROMT(R) 1972-1989
 (c) 1999 The Gale Group
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 (c) 2005 The Gale Group
 File 570:Gale Group MARS(R) 1984-2005/Sep 21
 (c) 2005 The Gale Group
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 File 636:Gale Group Newsletter DB(TM) 1987-2005/Sep 21
 (c) 2005 The Gale Group
 File 649:Gale Group Newswire ASAP(TM) 2005/Sep 09
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Set	Items	Description
S1	89778	FROZEN()IMAGE? ? OR FROZENIMAGE? OR SNAPSHOT? OR SNAP()SHO- T? ?
S2	5625090	MAP OR MAPS OR MAPPING? ? OR MAPPED OR REMAP? OR EXTENT? ? OR ADDRESS OR ADDRESSES OR LOCATION? ?
S3	868219	IDENTIFIER? ? OR ID OR IDS OR IDENTIFICATION
S4	30570	FILENAME OR FILE()NAME? ? OR INODE? ? OR I()NODE? ?
S5	498782	BACKUP? OR BACK??? ?()UP? ?
S6	823559	SHADOW? OR MIRROR? OR REDUND? OR SUPEREROGAT? OR STANDBY? - OR (STAND? ? OR STANDING)()BY? ?
S7	7720335	COPY? OR COPIE? ? OR SAVE? ? OR SAVING OR STORAGE? ? OR ST- ORING OR DUPLICAT? OR REPLICAT?
S8	6333	REMAP? OR RE()MAP OR MAPS OR MAPPED OR MAPPING? OR MAPED - OR MAPING?)
S9	25584	S2(3N)(UPDAT? OR UP()DAT???? ? OR GRAD???? ?) OR REFRESH? OR REVIS? OR UPGRAD? OR RE()FRESH?)
S10	397	S8:S9(S)S3:S4
S11	12751	S1(S)S5:S7
S12	2	S10 AND S11
S13	2	RD (unique items)
S14	0	S13/2003:2005
S15	3665	S1(S)(S2 OR S8)
S16	85	S15(S)S3:S4
S17	23	S16(S)S5:S7
S18	6	S17/2003:2005
S19	17	S17 NOT S18
S20	13	RD (unique items)

20/3,K/3 (Item 2 from file: 16)
 DIALOG(R)File 16:Gale Group PROMT(R)
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08085120 Supplier Number: 66449394 (USE FORMAT 7 FOR FULLTEXT)
 Veritas announces products, distributes FreeLove virus at
 conference.(Company Business and Marketing)
 Gruske, Carolyn
 Network world, pna
 Oct 24, 2000
 Language: English Record Type: Fulltext
 Document Type: Magazine/Journal; General Trade
 Word Count: 805

(USE FORMAT 7 FOR FULLTEXT)
 TEXT:

...Vertex is the company's banner name for a set of technologies that utilize a frozen image or " snapshot " approach to backing up data. Since snapshotting takes point-in-time pictures of the data, Maxwell said that the ultimate goal of this product set is to make back - up windows irrelevant and to significantly reduce the time needed for recovery windows. He added that shrinking back - up windows are a growing problem for global companies since international workers are now accessing applications during what was formerly down time - the down time that was used to conduct data back - ups . </p> Maxwell also explained that 80% of database recoveries occur not because of hardware failure...

...to point-in-time pictures of the data. </p> According to Carolyn DiCenzo, chief analyst, storage management software worldwide for Dataquest, snapshotting is the future of data backup . </p> "There is no way to do backups with traditional methods. We don't have the windows to do copy and backup . You're going to see everybody using snapshots ." </p> Vertex, which is to be rolled out in two phases, is built on the company's 2-year-old NetBackup Flash Backup product, which allows snapshots to be taken of live Unix File System, online Journaled File System or Veritas File...

...Agent Version 4.0. </p> In beta now, Server Free Agent will create a data snapshot , map the data by drilling down through the I/ stack and linking the logical file names to the physical blocks of data, and then offload the data to be moved from...

...p> Server Free Agent also will provide users with a common interface for all their snapshotting technology, a feature which DiCenzo said other vendors will be challenged to include. </p> The...

...EMC, Hewlett-Packard, Sun, Compaq, HDS, and IBM on the hardware side, and third-party copy on the SAN side. </p> A number of partners also announced their support for and...

...growth will come from expanding support for various operating system. </p> Michael Karp, director of storage management for the Hurwitz Group, in Framingham, Mass., said that is definitely the right direction...

20/3,K/8 (Item 3 from file: 47)
DIALOG(R)File 47:Gale Group Magazine DB(TM)
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04545503 SUPPLIER NUMBER: 18506184 (USE FORMAT 7 OR 9 FOR FULL TEXT)
A most-recent programs option: RUPL adds a recently used programs list to your Start menu. (includes a related article on how to download the utility from the magazine's online service) (Technology Tutorial)(Tutorial)

Prosise, Jeff

PC Magazine, v15, n14, p313(6)

August, 1996

DOCUMENT TYPE: Tutorial ISSN: 0888-8507

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 5133 LINE COUNT: 00403

... uses the CreateToolhelp32Snapshot function, which is part of the Win32 ToolHelp API, to create a " snapshot " of all the processes currently running in the system. It then walks the process list until it finds a process whose process ID equals the process ID returned by GetWindowThreadProcessID. The .EXE name is copied out of the PROCESSENTRY32 structure's szExeFile field and into the buffer whose address is provided by the caller. As a practical measure, HwndToPath weeds out executable filenames that...